

ABSTRACT

There is provided a coil apparatus which can increase mechanical strength of terminal portions and assure
5 sufficient impact resistant properties and vibration resistant properties even in an application in a severe use environment such as an in-vehicle coil apparatus.

Each of terminals 151 and 152 is formed of one metal sheet, and includes an attachment portion 911 or 921, an
10 intermediate portion 912 or 922 and a bottom portion 913 or 923. One end of the attachment portion 911 or 921 is fixed at each terminal attachment portion 121 or 122 of a core 110. One end of the intermediate portion 912 or 922 is continuous with the other end of the attachment portion 911
15 or 921 at a first bent portion 1F1. The bottom portion 913 or 923 has one end which is continuous with the other end of the intermediate portion 912 or 922 at a second bent portion 1F2, faces the attachment portion 911 or 921, and has the other end as a free end. The intermediate portion
20 912 or 922 has a hole 914 or 924 in a plane thereof. In each hole 914 or 924, both inner edges which are opposed to each other in at least one direction have an arc shape.